This TV incorporates High-Definition Multimedia Interface (HDMI™) technology.
HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Manufactured under license from Dolby Laboratories.
Dolby and the double -D symbol are trademarks of Dolby Laboratories.

Federal Communications Commission Statement

This equipment has been tested and found to comply with the limits of a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/Relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit which is different from what the receiver is connected to.
4. Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user authority to operate the equipment.

WEEE

This product contains electrical or electronic materials. The presence of these materials may, if not disposed of properly, have potential adverse effects on the environment and human health. Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly. To find out how to properly dispose of this product, please go to www.visionquestce.com and click on “Company“ or call the customer service number for your country listed in the instruction manual.

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this equipment.
Before operating this equipment, please read this manual completely, and keep it nearby for future reference.

WARNING	This symbol is intended to alert the user to avoid the risk of electric shock. This equipment must not be disassembled by anyone except qualified service personnel.
CAUTION	This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

- TO REDUCE THE RISK OF ELECTRIC SHOCK,
- DO NOT REMOVE COVER (OR BACK).
- NO USER-SERVICEABLE PARTS INSIDE.
- REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Important Safety Instructions

	This symbol indicates caution points.
	This symbol indicates actions that should not be done.
	This symbol indicates actions that must be performed.

- Do not place the equipment on any uneven or unstable carts, stands, tables, shelves etc. The equipment may fall, causing serious injury to children or adults and serious damage to the equipment itself.

- Use only a cart or stand recommended by the manufacturer. This equipment and recommended cart or stand should be handled with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart/stand to overturn.

- Do not disable the 3-wire grounding type plug. The grounding pin on the 3-prong plug is an important feature. Removing the grounding pin will increase the risk of damaging the equipment.
- If you can not fit the plug into the electrical outlet, contact an electrician to install a grounding outlet.
- Always operate this equipment from the type of power source indicated on the rear of the serial/model information label.
- Never overload wall outlets and extensions.

- Use and handle the power cord with care. Do not place any heavy objects on the AC power cord.
- Do not pull the AC power cord. Do not handle the AC power cord with a wet hand.
- Do not touch the power cord and antenna cable during lightning.
- Remove the plug from the wall outlet, if the equipment will not be used for a long period of time.
- Do not place, use or handle this equipment near water.
- Never expose the equipment to liquid, rain, or moisture.
  Seek for service if any of the above is spilled into the equipment.
- Do not expose the equipment to extreme temperature or to direct sunlight, as the equipment may heat up and suffer damage.
- Do not install the equipment near any heat sources such as radiators, heat registers, stoves, or any other apparatus that might produce heat.
- Do not attempt to service the equipment yourself.
- Opening and removing the covers may expose you to dangerous voltage or other hazards and may void your warranty. Refer service to qualified personnel.
- Do not place or drop any other objects on top.
- Do not insert anything into the ventilation holes of your equipment.
  Inserting any metal or flammable objects may result to fire or electric shock.
- Do not place the equipment on uneven or unstable carts, stands, tables, shelves etc. The equipment may fall, causing serious injury to children or adults and serious damage to the equipment itself. Always place the equipment on the floor or on a surface that is sturdy, level, stable and strong enough to support the weight of the equipment.
- Do not block any ventilating openings. Leave an open space around the equipment.
  Never place the equipment :
  on a bed, sofa, rug, or any other similar surfaces; too close to drapes/curtains/walls, in a bookcase, built-in cabinet, or any other similar places that may cause poor ventilation.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Always remove the power cord from the outlet before cleaning the equipment.
- Never use liquid or aerosol cleaners on the equipment.
  Clean only with a soft dry cloth.

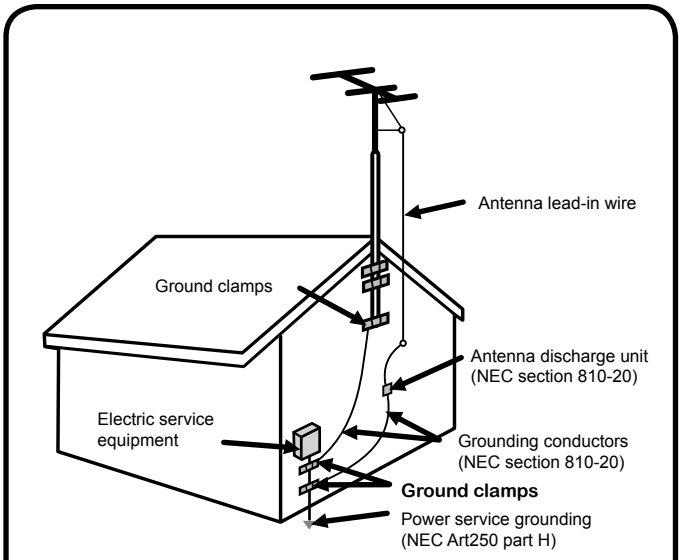
- Only use attachments/accessories specified by the manufacturer.

Antenna Safety Instructions

If an outdoor antenna is connected, follow the precautions below:

- An outdoor antenna should not be located in any area where it could come in contact with overhead power lines, or any other electric light or power circuits.
- When installing an outdoor antenna system, extreme caution should be taken to prevent contact with power lines. Direct contact with power lines may be fatal and should be avoided at all costs.

Section 810 of National Electrical Code (NEC) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



EXAMPLE OF OUTDOOR ANTENNA GROUNDING

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Federal Communications Commission Statement

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Chapter 1
Introducing the LCD TV

Key Features

Various Audio/Video terminals for external equipment connection

- 2 set of composite A/V input terminals
- 1 set of S-VIDEO terminals
- 2 set of component Video input terminals
- 1 VGA/ Audio input terminal
- 2 HDMI/Audio input terminals
- 1 sets of Audio(L/R) output terminals
- 2 SPDIF output terminals (Optical x 1 /Coaxial x 1)
- 1 Headphone terminal

The built-in TV tuner to receive HD ATSC

- This function allows the reception of HD broadcasting without the addition of a set top box.

High Definition Multimedia Interface (HDMI)

- High Definition Multimedia Interface (HDMI) is a small, user-friendly interconnect that can carry up to 5 Gbps of combined video and audio in a single cable. This system eliminates the cost, complexity and confusion of multiple cables used to connect current A/V systems.

Precise Touch Control Buttons

- The Precise Touch Control Buttons is a touch-sensitive technology to replace the conventional buttons.

HDTV Component Video Inputs

- Offers the best video quality for DVD(480p) and digital set-top-box (HD: 720p ,1080i) connections.

3D Digital Noise Reduction

- This function can digitally reduce image noise to provide better picture quality.

Film-Mode Detection (3:2 Reverse Pull Down)

- This function can automatically detect content derived from film and adjust the interlacer's frame matching to provide a more natural-looking, clearer image of the moving picture.

PIP Function

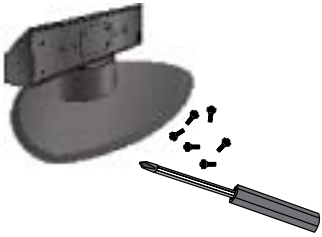
- Provides viewing of two programs simultaneously, in either picture-in-picture mode or picture-on-picture (side by side) mode.

Package Contents

Make sure all of the following contents are included.

☑ LCD TV

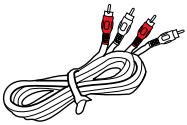
☑ Bottom Stand /
Screw Driver and 6 Screws



☑ Remote Control/
AAA Batteries x 2

☑ VIDEO Cable

☑ AUDIO Cable



☑ Power Cord

☑ Quick Start Guide

☑ User's Manual

☑ Warranty Card

☑ Attention Card

These items are all you need to set up and operate the LCD TV in its basic configuration.

Make sure all of the above contents are included in the package. If you are missing any items, please contact the customer service department.

Setting Up Your LCD TV

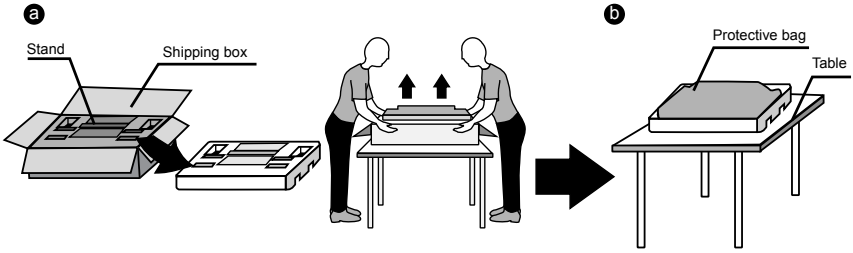
How to install the TV Stand

If you prefer to mount your new TV on a wall instead of attaching it to the stand, please reference the instructions included in the wall mounting kit(not included).

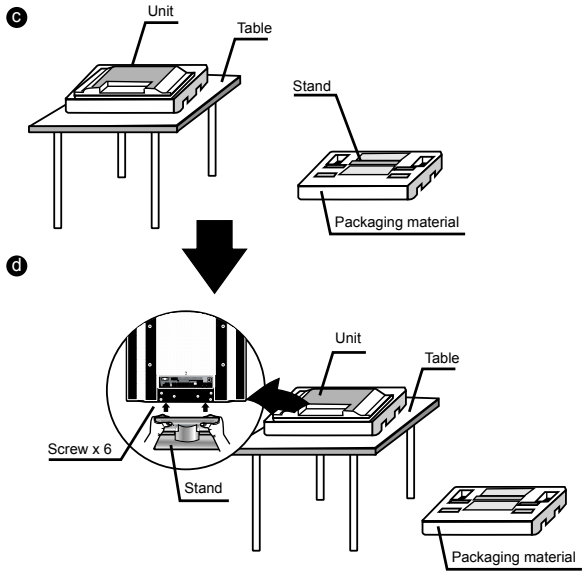
Attach the Stand the TV with the bottom foam packaging material still attached.

Read all instructions before continuing with the stand installation.

a. Lift foam packaging material from the top of the LCD out of the box.
b. Lift LCD out of the box, with the bottom foam packaging material still attached, and place onto a stable surface.



c. Remove protective bag from LCD unit, but DO NOT remove the bottom foam packaging material from the TV.
d. Locate the place on the back of the TV to attach the stand. Secure the stand to the LCD with all six screws.



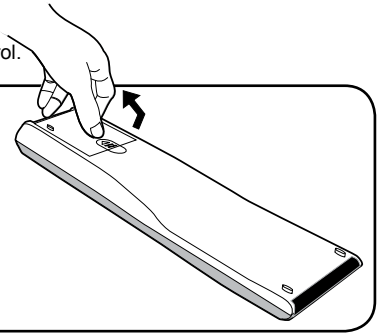
How to setup the TV

1. Use a supplied antenna cable to connect the VHF/UHF signal to the LCD TV's ANT. terminal (refer to page18).

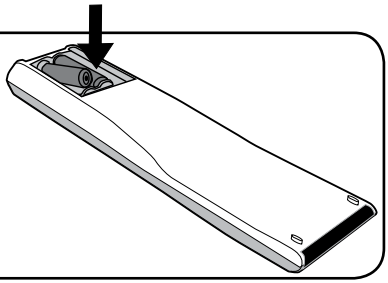
2. Connect the AC power cord at the back of the TV and connect the power cord to wall outlet.

3. Insert the 2 batteries supplied in remote control.

Step1 Slide the back cover up to open the battery compartment of the remote control.



Step2 Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment. Slide the cover back into place.

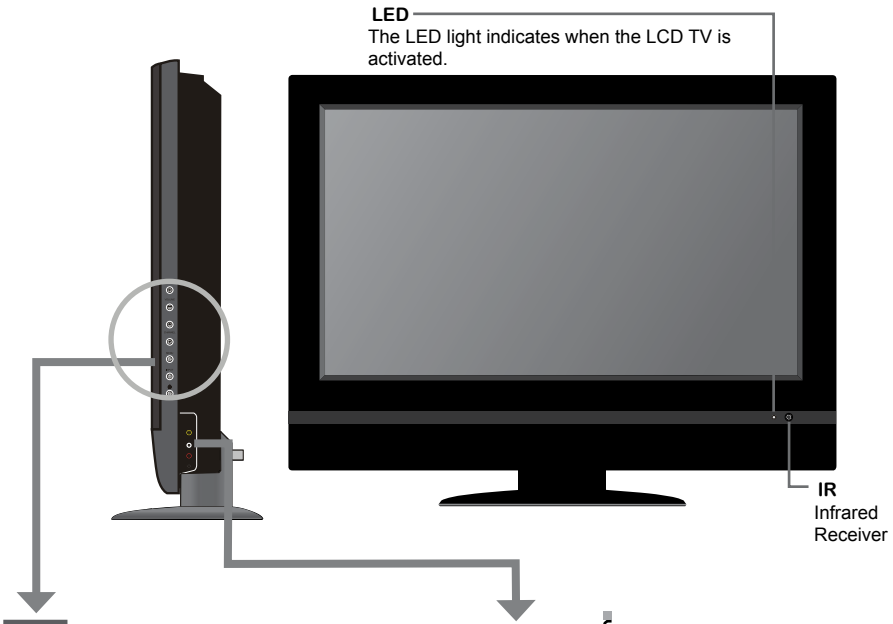


Do not use caustic cleaners (porcelain, stainless steel, toilet, or oven cleaner etc.) on the remote, as it may suffer damage.

4. Connect other an external A/V device (refer to page18-26).

Your LCD TV

Front/Right Side View and Controls



VOLUME+ -
Adjusts the volume up and down.
Selects the main-menu item and change values for items when in the OSD mode.

CHANNEL▲▼
Scans up and down through channels.
Selects sub-menu item when in the OSD mode.

MENU
Press once to display the OSD (on screen display), press again to turn the OSD off.

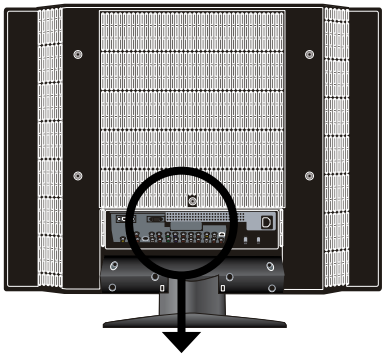
INPUT
Chooses from different input signal sources.

⏻
Turns the LCD TV on and into standby mode.

VIDEO1 IN
Connects to the composite Video and Audio output jacks on external video equipment.

EARPHONE
Connects to the external headphone for private listening.

Rear View and Jacks

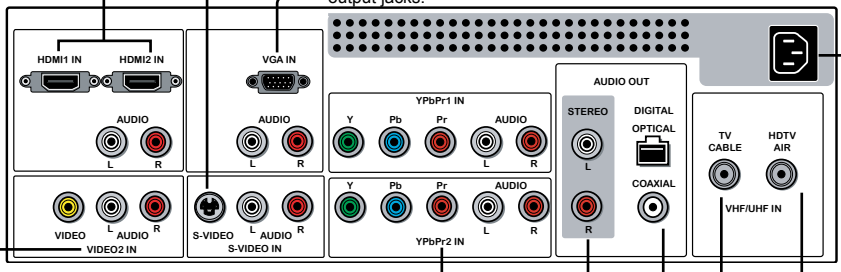


VIDEO2 IN
Connects to the composite VIDEO and AUDIO(L/R) output jacks on external video equipment.

HDMI1 IN/ HDMI2 IN
Connects the all digital AV equipment with HDMI connector. HDMI supports enhanced, high-definition video and two-channel digital audio. The AUDIO(L/R) of HDMI IN is for DVI connection.

S-VIDEO IN
Connects to the S-VIDEO and AUDIO(L/R) output jacks on external video equipment.

VGA IN
Connects the PC, or other AV equipment with VGA and AUDIO(L/R) output jacks.



YPbPr1 IN/YPbPr2 IN
Connects to the DVD player, Digital Set-Top-Box, or other AV equipment with component(YPbPr) video and audio output jacks.

AUDIO OUT-STEREO
Connects to the AUDIO(L/R) input jacks on AV equipment.

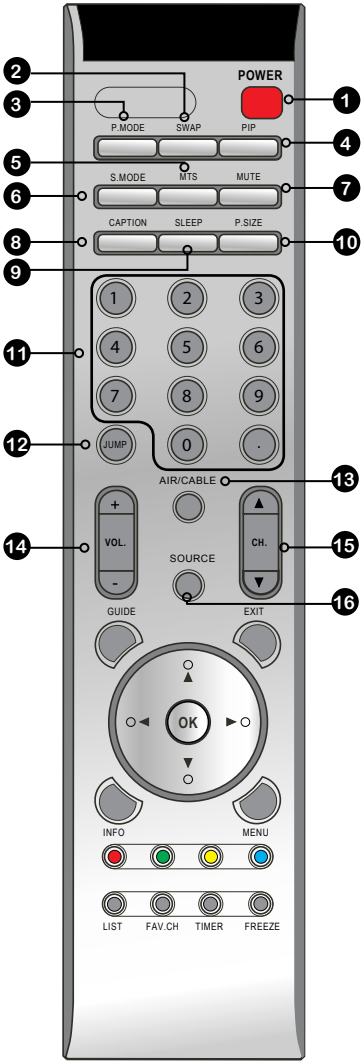
AUDIO OUT-DIGITAL-OPTICAL/COAXIAL
Connects to the OPTICAL AUDIO jack on the digital/standard 5.1 audio system.

VHF/UHF IN-TV-CABLE
Connects RF input from VHF/UHF antenna or cable.

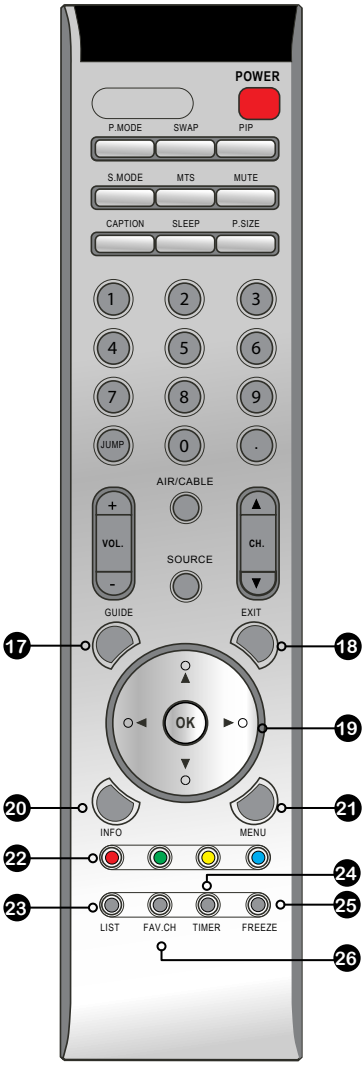
VHF/UHF IN-HDTV-AIR
Connects RF input from VHF/UHF antenna or cable to receive high/standard definition television.

AC IN
Connects to the AC power cord.

Your Remote Control



1	**POWER**	Turns the LCD TV on and off
2	**SWAP**	Swaps between the main and sub window in PIP/POP mode
3	**P.MODE**	Selects picture mode: Vivid/Standard/ Cinema/Sport/User
4	**PIP**	Turns PIP/POP on and off
5	**MTS**	Cycles through the multi-channels TV sound(MTS) options: SAP/MONO/ STEREO
6	**S.MODE**	Selects sound effect options: Surround/ Live/Dance/Techno/Classic/Soft/Rock/ POP/Off
7	**MUTE**	Mutes and restores audio
8	**CAPTION**	Cycles through the Closed Caption: OFF/CC1/CC2/CC3/CC4/TT1/TT2/TT3/ TT4
9	**SLEEP**	Cycles through the LCD TV sleep time: OFF/30/60/90/120 mins
10	**P.SIZE**	Cycles through Wide mode settings : NORMAL /FULL/WIDE/ZOOM
11	**0-9**	Select and switch to a channel by using 0-9 buttons
	•	In HDTV mode, use with 0-9 and • buttons to select a digital channels
12	**JUMP**	Returns to previously selected channel
13	**AIR/CABLE**	Cycles through the TV receiving signal: AIR/Cable
14	**VOL.+-**	Increases and decreases volume
15	**CH.▲▼**	Scans up and down the channels
16	**SOURCE**	Pressing **SOURCE** to display a source list, use ▲▼ to select the video equipment connected to the video inputs of your LCD TV : TV/HDTV/VIDEO1/ VIDEO2/VIDEO3/VIDEO4/VIDEO5/ VIDEO6/VIDEO7/COMPUTER



17 GUIDE — In HDTV mode, pressing **GUIDE** displays the Program Guide on the screen

18 EXIT — Exits the OSD menu

19 ▲▼►◄ OK — Cycles through OSD options and selects individual menu items. OK confirms option settings

20 INFO — Pressing once displays a variety of information such as the current channel and the input source

21 MENU — Displays the OSD menu on the screen

22 — For European TV system only

23 LIST — In HDTV mode, pressing **LIST** button to display the received channel list

24 TIMER — Allows you to set up the time, program the TV to turn on and off, and to tune to a specific channel

- **Time:** Select to set the current time by hour, minute, second
- **Start Time:** Select to set the time that you want the TV to turn on
- **Stop Time:** Select to set the time that you want the TV to turn off
- **Channel:** Select to set the specific channel that you want the TV to tune to when tuned on.
- **Activate:** Select to turn on/off/once the timer
- **Confirm:** Select to confirm

25 FREEZE — Pressing FREEZE to freeze the current picture, press again to restore the picture.

26 FAV.CH — Pressing FAV.CH display favorite channels

Effective range:
The remote can control the LCD TV from up to 5m away, if pointed directly at the receiver.

Chapter 2
Installing the LCD TV

Refer to the owner's manual of any external equipment to be connected.
When connecting any external equipment, do not connect any AC power cords to wall outlets until all other connections are completed.

Connecting a TV Cable or an Antenna

Antenna Connection

The antenna requirements for good color TV reception are more important than those for a black & white TV reception. For this reason, a good quality outdoor antenna is strongly recommended.
The following is a brief explanation of the type of connection that is provided with the various antenna systems.

- **A 75-ohm system is generally a round cable (not included) with F-type connector that can easily be attached to a terminal without tools.**

F-type connector

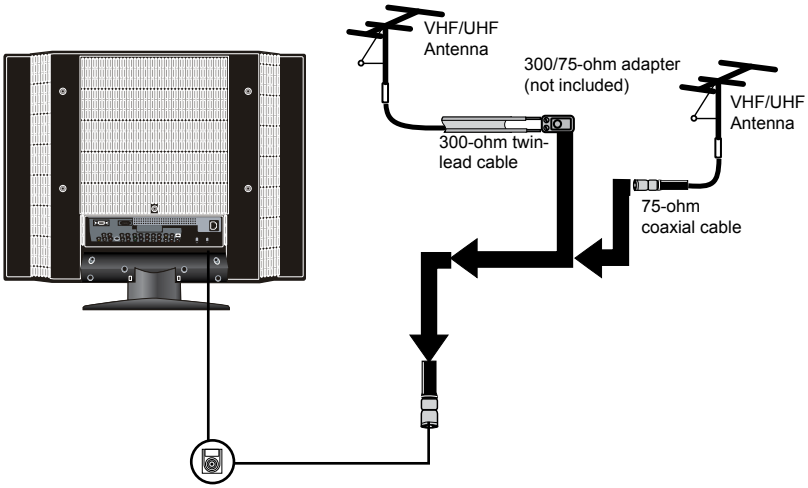
75-ohm coaxial cable (round)

- **A 300-ohm system is a flat twin-lead cable (not included) that can be attached to a 75-ohm terminal through a 300-75-ohm adapter (not included).**

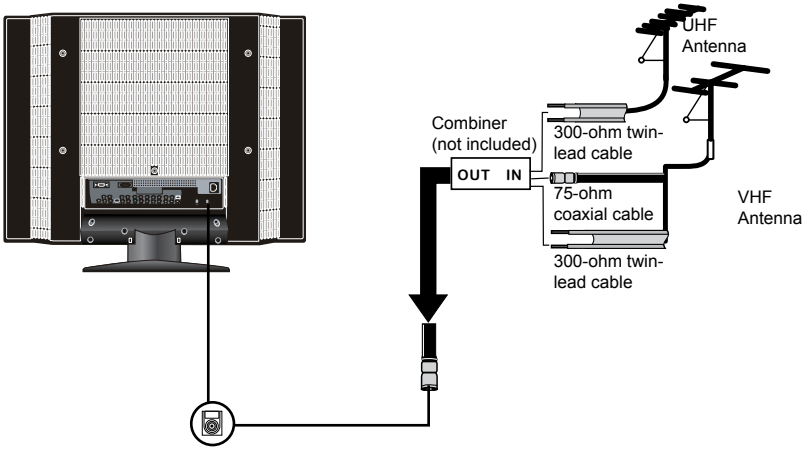
300-ohm twin-lead cable (flat)

Use one of the following two diagrams when connecting an outdoor antenna.
A: Shows how to use a VHF/UHF combination outdoor antenna.
B: Shows how to use a separate VHF and/or UHF outdoor antenna.

A. Combination VHF/UHF antenna



B. Separate VHF and/or UHF antennas

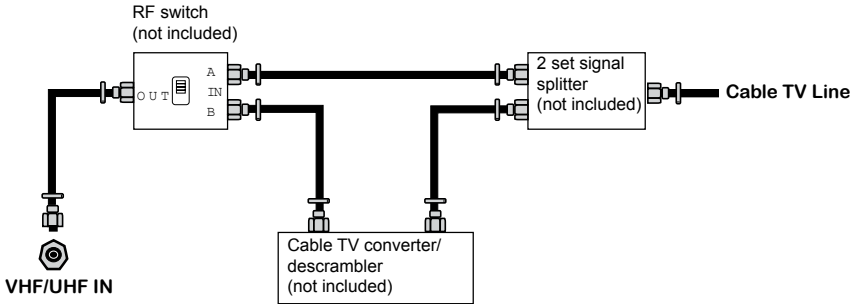


Cable TV (CATV) Connection

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electrical Code (NEC) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building accurately, or as close to the point of cable entry as possible. Use of this TV for other than private viewing of programs broadcasted on UHF, VHF or transmitted by cable companies for the use of the general public may require authorization from the broadcast/cable company, and/or program owner.

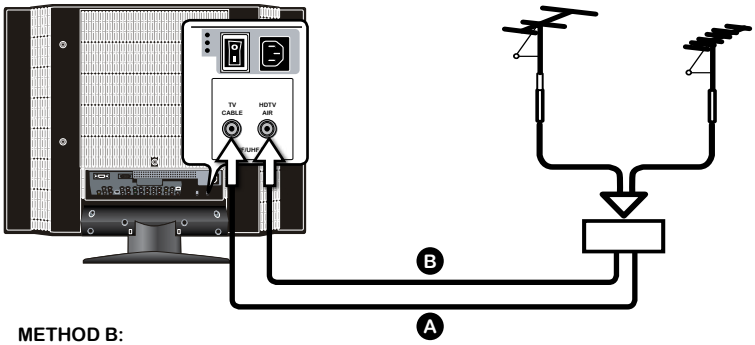
- A 75-ohm coaxial cable connector is built into the set for easy hookup. When connecting the 75-ohm coaxial cable to the set, connect the 75-ohm cable into the ANT. terminal.
- Some cable TV companies offer premium pay channels. Since the signals of these premium pay channels are scrambled, a cable TV converter/descrambler is generally provided to the subscriber by the cable TV company.

This converter/descrambler is necessary for normal viewing of scrambled channels.
(Set your TV to channel 3 or 4, typically one of these channels is used. If this is unknown, consult your cable TV company.)
For more specific instructions on installing cable TV, consult your cable TV company.
One possible method of connecting the converter/descrambler provided by your cable TV company is shown in the diagram below.



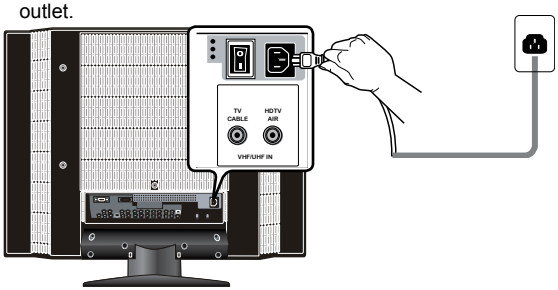
- **The RF switch (not included) is required to provide two inputs (A and B). Setting the RF switch to position A allows viewing of all unscrambled channels by using the TV channel keys.**
- **Setting the RF switch to position B allows viewing of all scrambled channels via the converter/descrambler by using the converter channel keys.**

METHOD A:
Use an antenna cable to connect the NTSC signal to the LCD TV's TV CABLE terminal.



METHOD B:
Use an antenna cable to connect the ATSC signal to the LCD TV's HDTV AIR terminal.

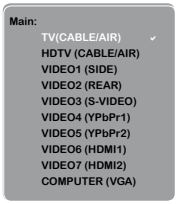
Connect the AC power cord at the back of the TV and connect the power cord to wall outlet.



Press the POWER button on the remote to turn on the LCD TV.

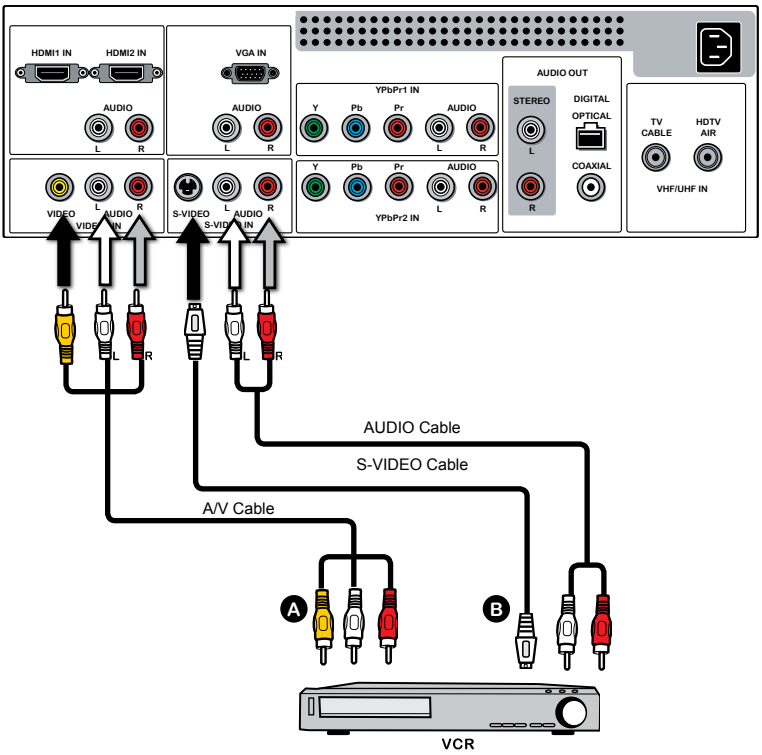
Always disconnect the LCD TV from the power outlet when the LCD TV will not be used for a long period of time.
The POWER button on the front panel is only used for switching the LCD TV into standby, it does not disconnect the device from the main voltage. To completely disconnect the main voltage, please remove the power plug from the socket.

Press the **SOURCE** button on the remote to display the Input List. Use the ▲▼ buttons to select **TV**(METHOD A), or **HDTV** (METHOD B), and press the **OK** button.



Connecting a VCR

Rear of TV



1. **METHOD A:**

   Use a composite cable to connect the VCR's composite video/audio jacks to the LCD TV's VIDEO2 IN jacks.

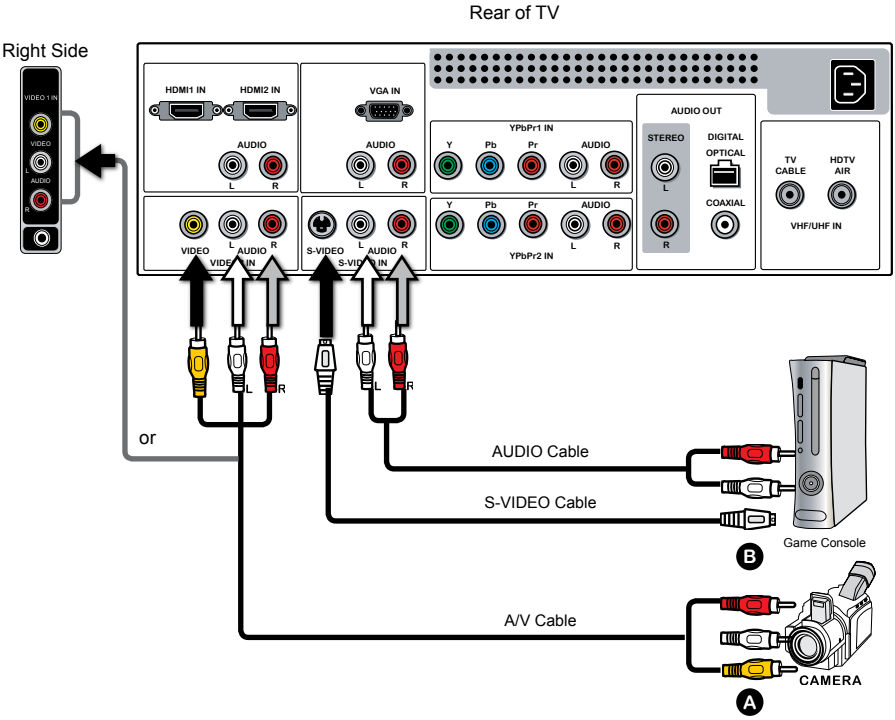
   METHOD B:
   Use an audio cable to connect the VCR's audio output jacks to the LCD TV's audio inputs. Use a S-Video cable to connect the VCR's S-Video output jack to the LCD TV's S-VIDEO IN input jack.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the POWER button on the remote to turn on the LCD TV.

4. To watch a videotape, press the **SOURCE** button on the remote to select **VIDEO2** (METHOD A), or **VIDEO3** (METHOD B).

Connecting a Video Camera or Game Console



❶ **METHOD A:**

Use a composite cable to connect the video camera's or game console's composite video/ audio jacks to the LCD TV's VIDEO2 IN jacks or VIDEO1 IN jacks.

METHOD B:
Use an audio cable to connect the video camera's or game console's audio output jacks to the LCD TV's audio inputs. Use a S-Video cable to connect the video camera's or game console's S-Video output jack to the LCD TV's S-VIDEO IN input jack.

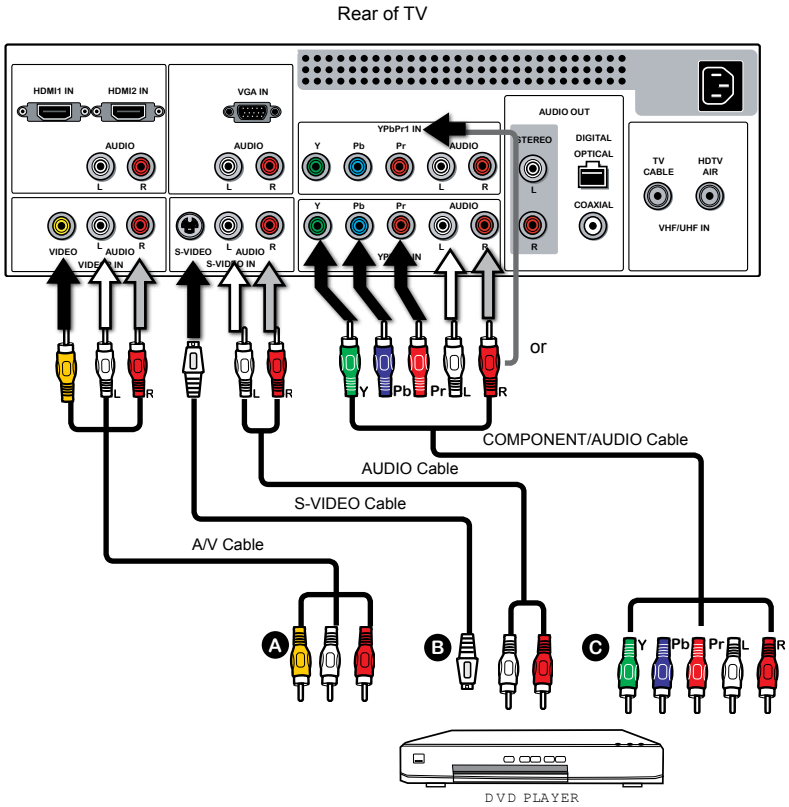
❷ Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

❸ Press the POWER button on the remote to turn on the LCD TV.

❹ To watch a video vis camera or game console, press the **SOURCE** button on the remote to select **VIDEO2/VIDEO1**(METHOD A), or **VIDEO3** (METHOD B).

Not all cameras have the ability to connect to a TV. Please check your video camera user guide for compatibility.

Connecting a DVD Player



❶

METHOD A:
Use a composite cable to connect the DVD player's composite video/audio jacks to the LCD TV's VIDEO2 IN jacks.

METHOD B:

Use an audio cable to connect the DVD player's audio output jacks to the LCD TV's audio inputs. Use a S-Video cable to connect the DVD player's S-Video output jack to the LCD TV's S-VIDEO IN input jack.

METHOD C:
Use a component cable to connect the DVD player's component output jacks to the LCD TV's YPbPr1 IN or YPbPr2 IN input jacks.
Use an audio cable to connect the DVD player's component audio jacks to the LCD TV's audio input jacks.

The component video jacks on your DVD player are sometimes labeled YPbPr, or YCbCr. For an explanation of component video, see your DVD player's user guide.

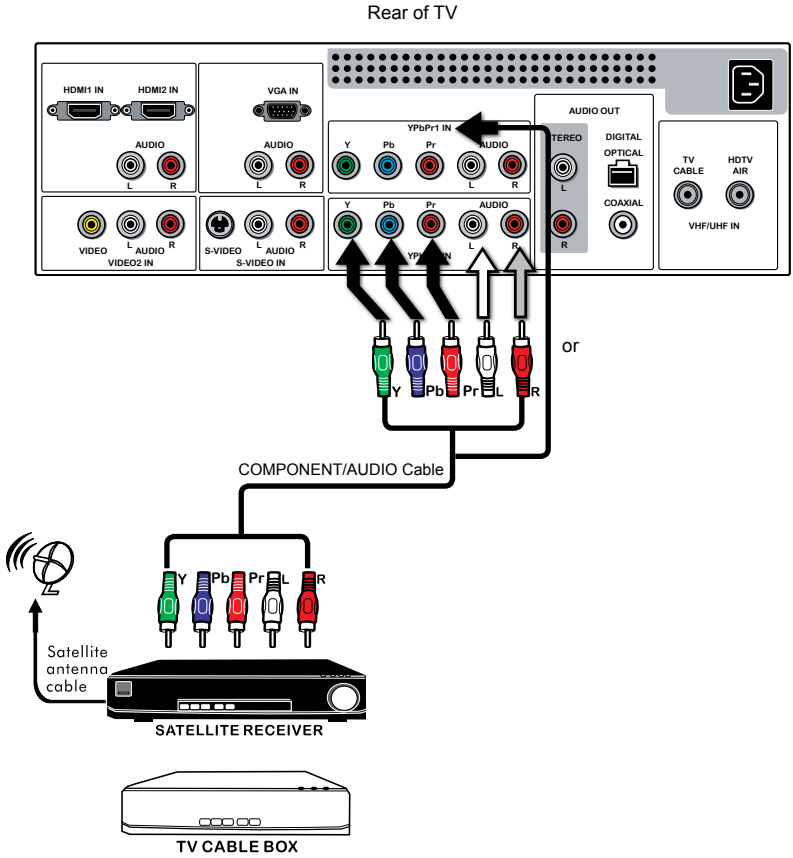
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the POWER button on the remote to turn on the LCD TV.

4. To watch a DVD, press the **SOURCE** button on the remote to select **VIDEO2**(METHOD A), or **VIDEO3** (METHOD B), or **VIDEO4/VIDEO5** (METHOD C).

For best picture quality, if your equipment has component video output, use a component cable instead of a composite video or S-Video cable.

Connecting a Digital TV Cable Box or Digital Satellite Receiver



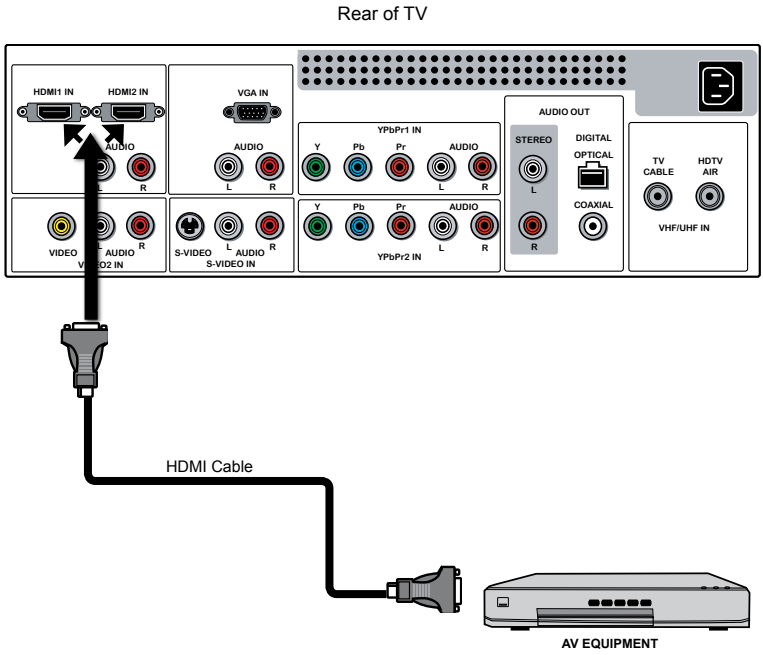
1. Use a component cable to connect the satellite receiver's/TV Cable Box's component (YPbPr1) output jacks to the LCD TV's component input jacks.
   Use an audio cable to connect the satellite receiver's/TV Cable Box's component audio jacks to the LCD TV's audio input jacks.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the POWER button on the remote to turn on the LCD TV.

4. To watch programs via satellite receiver or TV Cable Box, press the **SOURCE** button on the remote to select **VIDEO4/VIDEO5**.

Connecting an AV Equipment with HDMI Connector



1. Use a HDMI cable to connect the AV equipment's HDMI output jack to the LCD TV's HDMI1/ HDMI2 IN jacks.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

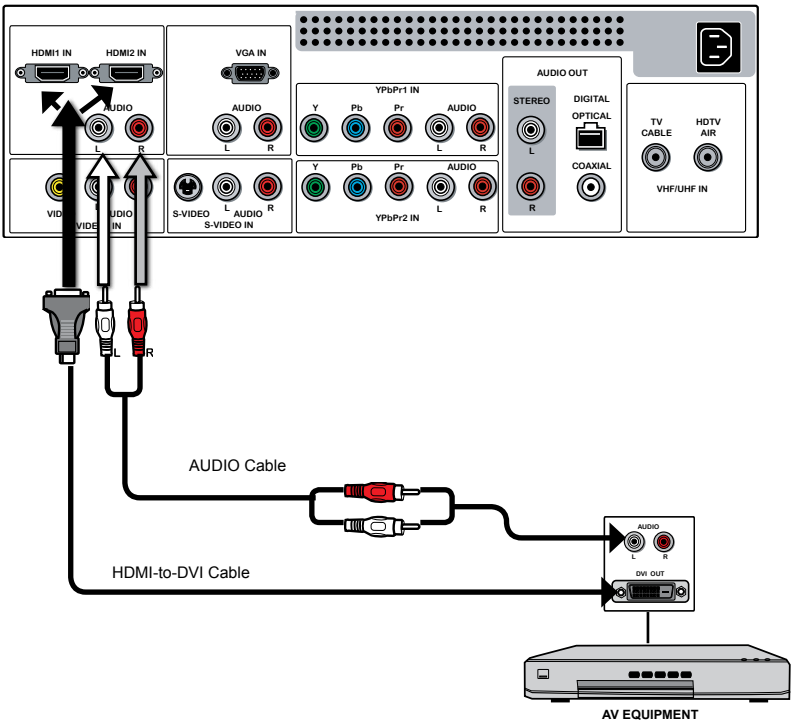
3. Press the POWER button on the remote to turn on the LCD TV.

4. Press the **SOURCE** button on the remote to select **VIDEO6** or **VIDEO7**.

The HDMI connector provides both video and audio signals, it's not necessary to connect the audio cable.

Connecting an AV Equipment with DVI Connector

Rear of TV



1. Use a HDMI-to-DVI cable to connect the AV equipment's DVI output jack to the LCD TV's HDMI1/HDMI2 IN jacks.
   Use an audio cable to connect the AV equipment's audio output jacks to LCD TV's HDMI AUDIO jacks.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

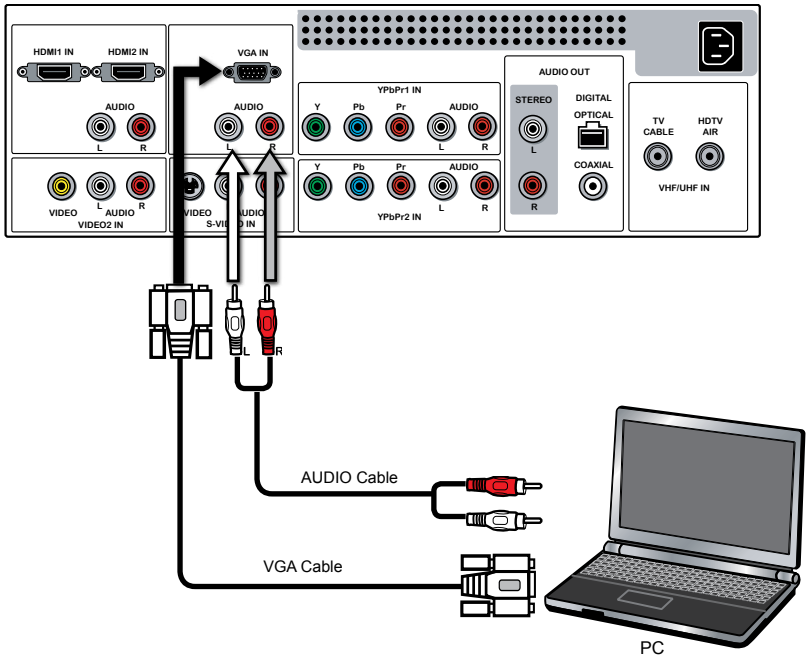
3. Press the POWER button on the remote to turn on the LCD TV.

4. Press the **SOURCE** button on the remote to select **VIDEO6** or **VIDEO7** .

If the LCD TV is connected to AV equipment's DVI connector, you will need an HDMI-to-DVI cable or an HDMI adapter(not supplied).

Connecting a PC

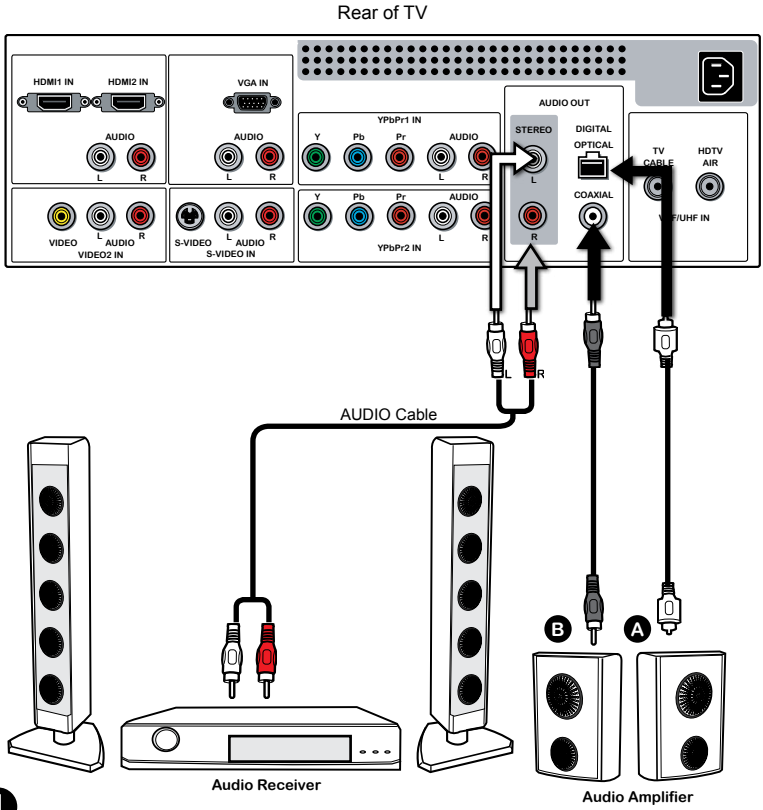
Rear of TV



1. Use a VGA cable to connect the PC's VGA output jack to the LCD TV's VGA input jack. Use an audio cable to connect the PC's audio output jacks to LCD TV's.
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.
3. Press the POWER button on the remote to turn on the LCD TV.
4. Press the **SOURCE** button on the remote to select **COMPUTER**.

Connecting an Audio Receiver or a Dolby Digital 5.1 Sound System

For better sound quality, you may want to play the LCD TV audio through your stereo system.



❶ **Connecting to Audio Receiver:**
Use an audio cable to connect the audio receiver's audio LINE IN jacks to LCD TV's AUDIO OUT jacks.

❷ **Connecting to Digital 5.1 Sound System:**
METHOD A:
Use an optical cable to connect the audio amplifier's OPTICAL IN jacks to LCD TV's OPTICAL OUT jacks.

METHOD B:
Use a coaxial cable to connect the audio amplifier's COAXIAL IN jacks to LCD TV's COAXIAL OUT jacks.
Note: Above mentioned function is only available under HDTV (cable/air) mode.

❸ Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

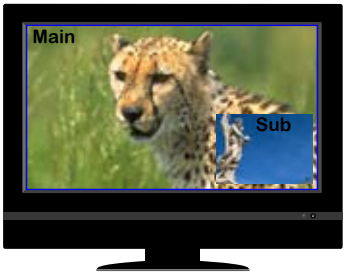
❹ Press the POWER button on the remote to turn on the LCD TV.

Chapter 3
USING THE FEATURES

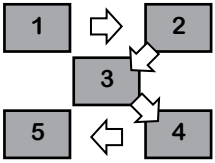
Using Picture-In-Picture

The PIP/POP feature allows simultaneous viewing of video from two sources (TV, VCR, DVD etc). Only one source's audio is played at a time; the user may select which source's audio is heard.

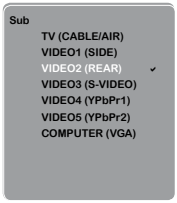
❶ Press the **PIP** button once to enter picture in picture mode.



- Press ◄ ► to toggle the audio source between the main window and the sub window.
- Press the **OK** button to change the position of the second window.

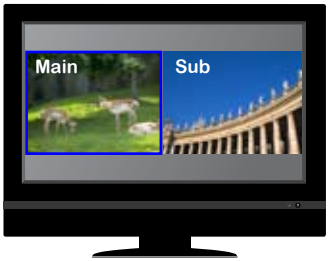


- Press ◄ ► to activate either the main or sub window, then press the **SOURCE** button to display the Input List:



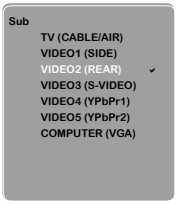
- Press ▲▼ to change input source and press the **OK** button.

❷ Press the **PIP** button again to view images side by side.



- Press ◄ ► to toggle the audio source between the main window and the sub window.
- Press the **SWAP** button to swap the pictures between the main and sub windows.

- Press ◄ ► to activate either the main or sub window, then press the **SOURCE** button to display the Input List:



Press ▲▼ to change input source and press the **OK** button.

❸ Press the **PIP** button again to exit.

Wide Screen Viewing

Wide Screen function allows viewing of 4:3/16:9 images in wide screen mode, cycling through the following wide screen settings. Press the **P.SIZE** button repeatedly to select the screen format you want.

❶ **NORMAL**

Displays at 4:3 aspect ratio

❷ **FULL**

Stretches the image vertically and horizontally to keeps the image size consistent in the center of the screen and stretches the sides

❸ **WIDE**

Stretches the image vertically and horizontally to fill the screen at 1:1.85 aspect ratio.

❹ **ZOOM**

Stretches the image vertically and horizontally to fill the screen at 1:2.35 aspect ratio.

Operating the Menu

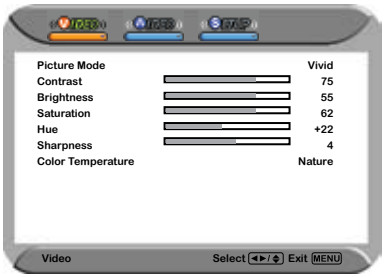
1. Press the POWER button to turn the LCD TV on.

2. Press the **MENU** button on the remote control, the on-screen menu will appear on the screen. Use the ◄► buttons to select your main menu option.

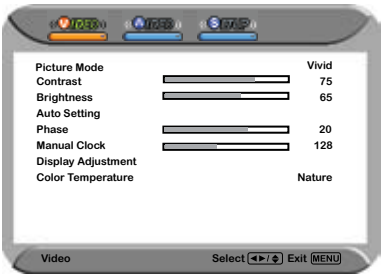
VIDEO MENU:

Allows you to make adjustments to your picture settings.

- If the signal source is TV/HDTV/VIDOE/SVIDEO/ YPbPr/HDMI, the VIDEO MENU appears as:



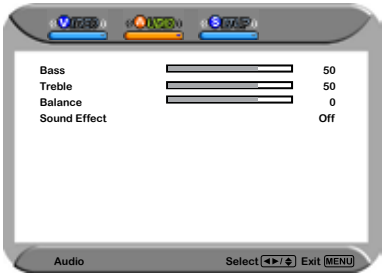
- If the signal source is VGA, the VIDEO MENU appears as:



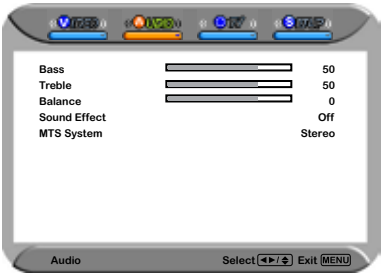
AUDIO MENU:

Allows you to customize the audio options and effects.

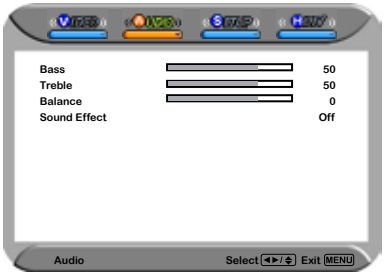
- If the signal source is VIDOE/SVIDEO/YPbPr/ HDMI/VGA, the AUDIO MENU appears as:



- If the signal source is TV, the AUDIO MENU appears as:



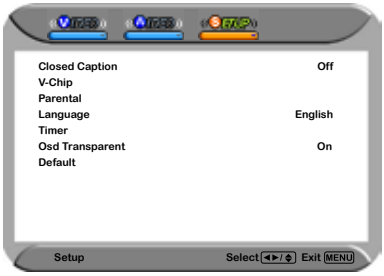
- If the signal source is HDTV, the AUDIO MENU appears as:



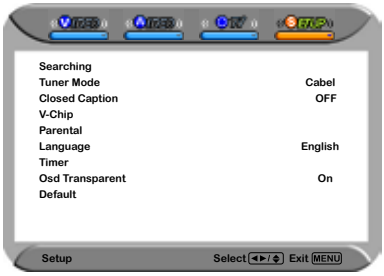
SETUP MENU:

Allows you to set up a variety of features: Language, Closed Caption, factory reset, V-Chip, Parental Control, sleep timer.

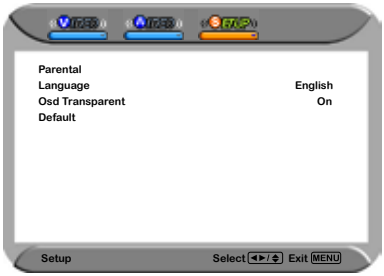
- If the signal source is VIDEO/S-VIDEO, the Setup menu appears as:



- If the signal source is TV/HDTV, the Setup menu appears as:

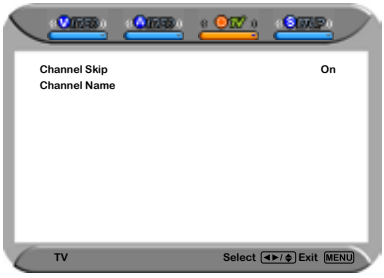


- If the signal source is YPbPr/HDMI/VGA, the Setup menu appears as:



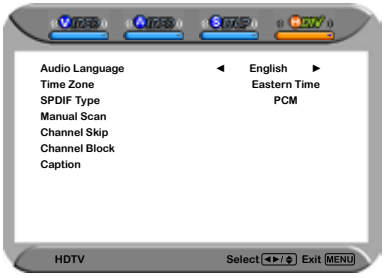
TV MENU:

Allows you to edit and label channels.



HDTV MENU:

Allows you to set up the HDTV program function.



❸ Use the ▲▼ buttons to select an option of the sub-menu, and press the **OK** button. While in adjustment mode, and use the ◄► buttons to change the value of the item.

❹ Press the **EXIT** button to exit the menu.

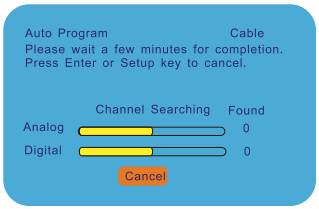
Setting up the HDTV Function

Automatically scans and stores all the TV channels

❶ With the LCD TV connected to a television programming source, press the **SOURCE** button on the remote to display the Source List. Use the ▲▼ buttons to select **HDTV**, and press the **OK** button.

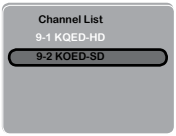
❷ Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **SETUP**.

❸ Press the ▼ button to select **Searching**, and press the **OK** button.
The **Searching** automatically creates a list of receivable channels from VHF/UHF antenna or Cable TV if the source is connected. Select the **Cancel** button at any time to interrupt the memorization process. (the list cannot be created if interrupted)



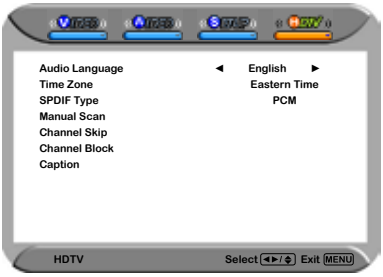
The Channel Searching will create a list of receivable channels for the current input (antenna or cable). You will be required to run Channel Searching for each RF input to create a list of available channels from both inputs.

❹ Press the **OK** button or **LIST** button to display the received channel list, then press ▲▼ the buttons to select a channel. Or, use the ▪ button with **0-9** buttons to select digital channel (for example 9.1)

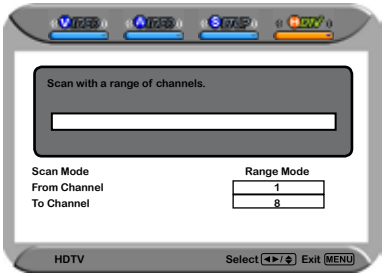


The digital main channel might include many sub channels (for example 9-1, 9-2..) that are showing program at the same time.

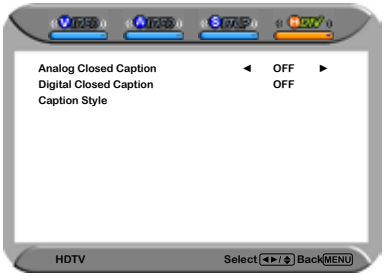
5 The **HDTV** menu includes the following options:



Audio Language	Allows selection of the audio languages: English/Spanish/French
Time Zone	Allows selection of time zones in the USA: Eastern Time/Indiana/Central time/Mountain Time/Arizona/Pacific Time/Alaska/Hawaii
SPDIF Type	Allows to selection of the external audio system: PCM/OFF/Dolby Digital ▪ **PCM:** The external audio system is connected to the AUDIO OUT (L/R) of the LCD TV. ▪ **Dolby Digital:** The external audio system is connected to the AUDIO OUT DIGITAL (OPTICAL or COAXIAL)) of the LCD TV ▪ **OFF:** Select OFF to turn off the external audio system
Manual Scan	Allows to set up TV channel manually.
Channel Skip	Allows addition/removal of digital channels
Channel Block	Allows to block digital channels Use the **Channel Block** function, must enter a four-digit password. The factory password is 0000



Caption Allows to set closed caption

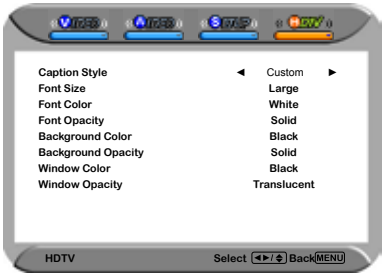


- **Analog Closed Caption**:
  Press the ◄► buttons to select the basic analog closed caption options: OFF/CC1/CC2/CC3/CC4

Note: The setting here will be applied to each DTV channel

- **Digital Closed Caption:**
  Press the ◄► buttons to select the digital closed caption options: Service1/Service2/Service3/Service4/Service5/Service6/OFF

- **Caption Style:**
  Press **OK** button to customize the settings for digital closed caption option:

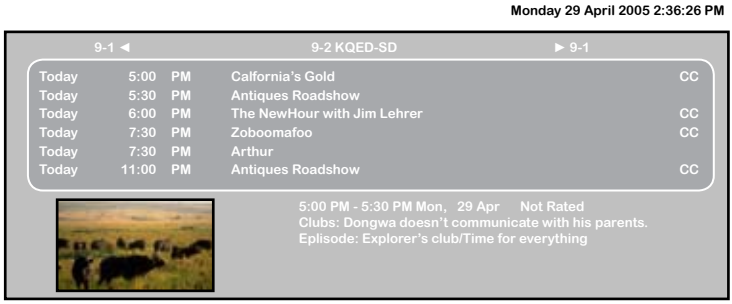


Using the Program Guide

The Program Guide feature brings all sorts of information to your screen, such as program title, program duration, time remaining, rating information, closed caption, availability, etc.

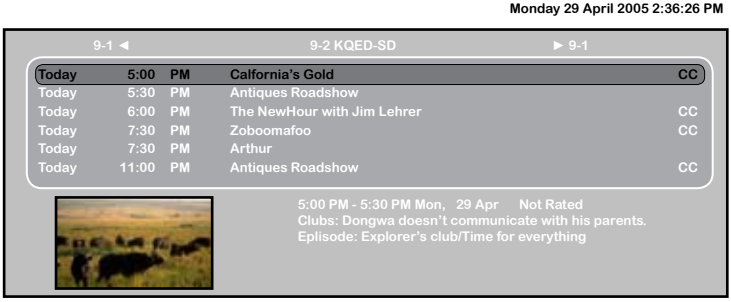
❶ With the LCD TV connected to a television programming source, press the **TV** button on the remote control.

❷ Press the **GUIDE** button on the remote control, the Program Guide will appear on the screen:


Monday 29 April 2005 2:36:26 PM
9-1 ◄
9-2 KQED-SD
► 9-1
Today 5:00 PM Calfornia's Gold CC
Today 5:30 PM Antiques Roadshow
Today 6:00 PM The NewHour with Jim Lehrer CC
Today 7:30 PM Zoboomafoo CC
Today 7:30 PM Arthur
Today 11:00 PM Antiques Roadshow CC
5:00 PM - 5:30 PM Mon, 29 Apr Not Rated
Clubs: Dongwa doesn't communicate with his parents.
Eplisode: Explorer's club/Time for everything

9 - 2 KOED-SD

❸ Press the ▲▼ button to select the program from a list, the Program Guide provides introduction about the current program being shown on each channel.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Today 7:30 PM Arthur
Today 11:00 PM Antiques Roadshow CC
5:00 PM - 5:30 PM Mon, 29 Apr Not Rated
Clubs: Dongwa doesn't communicate with his parents.
Eplisode: Explorer's club/Time for everything

9 - 2 KOED-SD

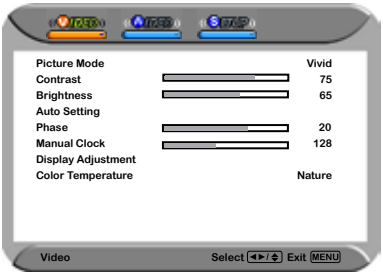
❹ Press the **GUIDE** button again on the remote control to exit the Program Guide

Customizing the VIDEO Settings

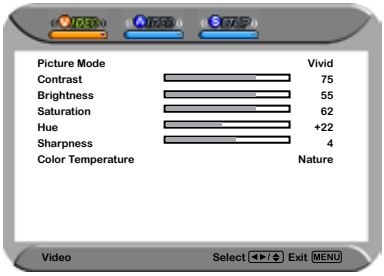
1. Press the POWER button to turn the LCD TV on.

2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **VIDEO**.

3. Use the ▲▼ buttons to highlight an individual VIDEO option, use the ◄► buttons to change the setting, and press the **MENU** to exit the menu



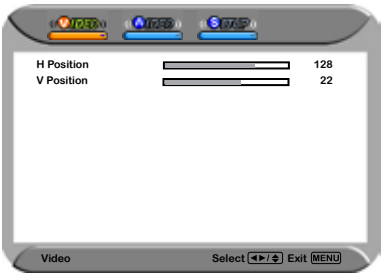
or



4. The **VIDEO** menu includes the following options:

Picture Mode	Cycles among display types: Vivid/Standard/Cinema/Sport/User
Contrast	Controls the difference between the brightest and darkest regions of the picture
Brightness	Controls the overall brightness of the picture
Saturation	Controls the color intensity
Hue	Controls the difference between the green and red regions of the picture
Sharpness	Increase this setting to see crisp edges in the picture; decrease it for soft edges
Auto Setting	Press the **OK** button to automatically adjust the display settings to optimize performance based on the VGA mode
Phase	Controls the signal phase, which can improve focus clarity and image stability based on the VGA mode
Manual Clock	Controls the width of the picture based on the VGA mode

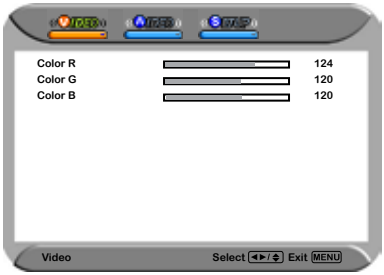
Display adjustment Press the **OK** button to enter the Display adjustment setting:



- **H Position** Adjusts the position of the picture left and right in the window
- **V Position** Adjusts the position of the picture up and down in the window

Color temperature Adjusts color components independently to achieve a warm or cool effect: Cool/Middle/Warm/User

- **Warm:** Increases red tint
- **Nature:** Increases natural tint
- **Cool:** Increases blue tint
- **User:** Allows the user to adjust red, green and blue color component levels independently

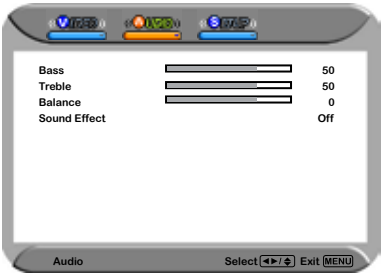


Customizing the AUDIO Settings

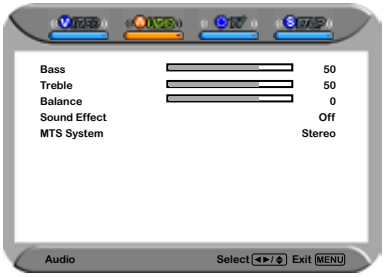
1. Press the POWER button to turn the LCD TV on.

2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **AUDIO**.

3. Use the ▲▼ buttons to highlight an individual AUDIO option, use the ◄► buttons to change the setting, and press the **MENU to** exit the menu



or



4. The **AUDIO** menu includes the following options:

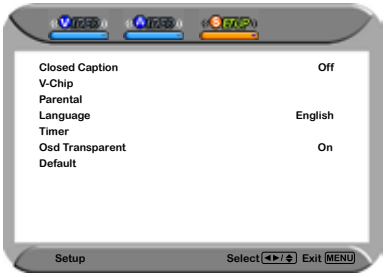
Bass	Controls the relative intensity of lower-pitched sounds
Treble	Controls the relative intensity of higher pitched sounds
Balance	Adjusts the relative volume of the speakers in a multiple speaker system
Sound Effect	Allows selection of an audio-enhancement technique from among the following options: Surround/Live/Dance/Techno/Classic/Soft/Rock/POP/ Off
MTS System	Allows you to listen to high-fidelity stereo sound while watching TV ▪ **Stereo**: Use separate audio tracks for left and right speakers, if available ▪ **SAP:** You can enjoy a second audio program from the speakers while watching a scene in the original program ▪ **Mono:** Allows mono output (useful when stereo is noisy or inconsistent)

Customizing the SETUP Settings

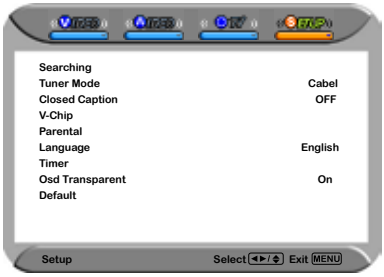
1. Press the POWER button to turn the LCD TV on.

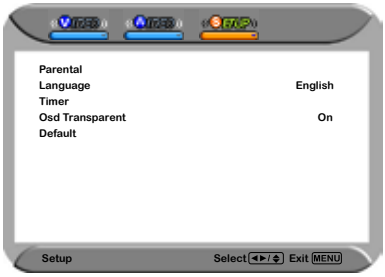
2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **SETUP**.

3. Use the ▲▼ buttons to highlight an individual SETUP option, use the ◄► buttons to change the setting, and press the **MENU to** exit the menu.



or





4. The **SETUP** menu includes the following options:

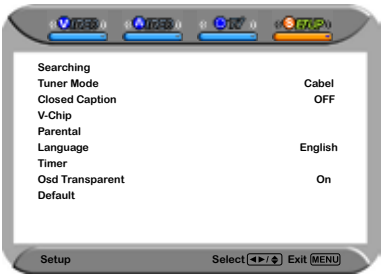
Searching	Press the **OK** button, will automatically create a list of receivable channels
Tuner Mode	Allows selection between CATV cable and antenna signal sources: ▪ **AIR** Choose this setting if you are receiving TV channels with an antenna (over the air) ▪ **Cable** Choose this setting if you are receiving TV channels with a CATV (cable TV)

Closed Caption	Allows to select from 4 closed caption modes: ▪ **CC1 /CC2 /CC3 /CC4:** Display a printed version of the dialog and sound effects of the program being viewed
V-Chip	Allows to setup the TV and MPAA Rating Lock options(refer to “Using the V-CHIP Setting”)
Parental	Allows to setup the Parental Lock options
Language	Select to display all on-screen menus in your language of choice :English/ French/Spanish
Timer	Allows you to set up the time, program the TV to turn on and off, and to tune to a specific channel ▪ **Time:** Select to set the current time by hour, minute, second ▪ **Start Time:** Select to set the time that you want the TV to turn on ▪ **Stop Time:** Select to set the time that you want the TV to turn off ▪ **Channel:** Select to set the specific channel that you want the TV to tune to when tuned on. ▪ **Activate:** Select to turn on/off/once the timer ▪ **Confirm:** Select to confirm
Osd Transparent	Controls the translucence of the OSD’S(on-screen display) background
Default	Restores factory settings

Using the V-CHIP (For US market only) Settings

The US has 2 rating system for viewing content: Movie blocking(MPAA) and TV Blocking.
The TV Blocking conjuncts with the V-CHIP to help parents block inappropriate programs from their children.
The Movie blocking(MPAA) is used for original movies rated by the Motion Picture Association of America(MPAA) as broadcasted on cable TV and not edited for television.
The V-CHIP can also be set to block MPAA-rated movies.

❶ Use the ▼ button to select the **V-Chip**, and press the **OK** to display the V-Chip menu.



❷ Use the **V-CHIP** function, must enter a four-digit password. The factory password is 0000.

❸ The **MPAA** includes the following options:

RATING	DESCRIPTION
G	General Audiences. Movie is appropriate for all ages.
PG	Parental Guidance Suggested. May contain material not suited for younger viewers
PG-13	Contains content that may not be appropriate for viewers under the age of 13.
R	Restricted. Contains adult content, no one under 17 admitted without parent.
NC-17	No one 17 and under admitted.

Use the ▲▼ buttons to select the rating you want and press the **OK** button repeatedly to select **BLOCK(✓)** or **UNBLOCK(✕)**.

4 The **TV GUIDELINE** has 2 rating methods: Content-Based Rating and Age-Based Rating.

The **TV GUIDELINE** includes the following options:

AGE-BASED

RATING	DESCRIPTION
TV-Y	All children
TV-Y7	Directed to children age 7 and older
TV-G	General Audience
TV-PG	Parental Guidance suggested
TV-14	Parents strongly cautioned
TV-MA	Mature Audience only

CONTENT-BASED

RATING	DESCRIPTION
FV	Fantasy violence
D	Suggestive dialogue
L	Strong language
S	Sexual situations
V	Violence

		CONTENT-BASED				
		FV	**D**	**L**	**S**	**V**
AGE-BASED	**TV-Y**					
	TV-Y7	✔				
	TV-G					
	TV-PG		✔	✔	✔	✔
	TV-14		✔	✔	✔	✔
	TV-MA			✔	✔	✔

✔ : To block programs by both content and age.

Use the ▲▼ buttons to select the rating you want and press the **OK** button repeatedly to select **BLOCK(✔)** or **UNBLOCK(✕)**.

5 The **V-CHIP** menu includes the following options:

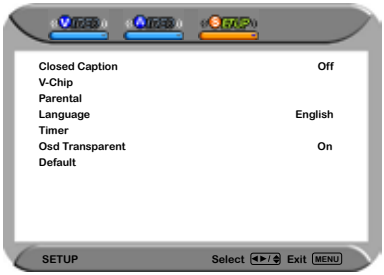
Block MPAA Rating	Select to activate the MPAA Rating programs
Block TV Rating	Select to activate the TV Rating programs.
Block MPAA Unrated	▪ **YES:** Blocks all movies that are broadcast without a MPAA rating. ▪ **NO:** Allows all movies that are broadcast without a MPAA rating
Block TV None Rating	▪ **YES**: Blocks all movies that are broadcast without a TV rating. ▪ **NO:** Allows all movies that are broadcast without a TV rating.

Using the Parental Settings

The Parental blocking can be set up to the TV to block a Channel or a Video Source.

1. Use the **V-CHIP** function, must enter a four-digit password. The factory password is **0000**.

2. Use the ▼ button to select the **Parental**, and press the **OK** to display the Parental menu.



You need your password for any future access into the V-Chip and Parental Setting.

3. The **Parental** menu includes the following options:

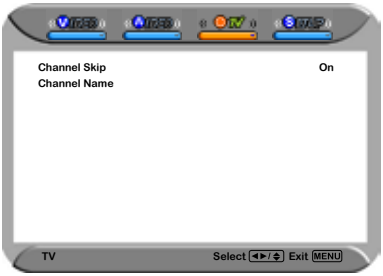
Channel Lock	Select to block a TV channel
Video Lock	Select to block a input source signal
Change Password	Select to change your password

Customizing the TV Settings

1. Press the POWER button to turn the LCD TV on.

2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **TV**.

3. Use the ▲▼ buttons to highlight an individual TV option, use the ◄► buttons changes the setting, and press the **MENU** exits the menu.



4. The **TV** menu includes the following options:

Channel Skip	Allows addition/removal of channels on the channel list
Channel Name	Allows channel labels to be edited

TROUBLESHOOTING

Before consulting service personnel, check the following chart for a possible cause of the trouble and for a possible solution.

TV will not turn on

1. Make sure the power cord is plugged in, then press the POWER button on the remote.
2. The batteries in the remote control may be exhausted.
3. Replace the batteries.

No picture, no sound

1. Check the interface cable between TV and antenna/cable TV.
2. Press the POWER button on the remote.
3. Press the **SOURCE** button on the remote, then press ▲▼ button to select the connected video sources.

Poor picture, sound OK

1. Check the interface cable between TV and antenna/cable TV.
2. Try another channel, the station may have broadcast difficulties.
3. Adjust the Brightness/Contrast options in the **VIDEO ADJUST** Menu.

Picture OK, poor sound

1. Sound may be muted. Press the **MUTE** button on the remote.
2. Press the **TV** button on the remote, then press the **VOL+** button to increase the volume.

Audio noise

1. Move any infrared equipment away from the TV.

DISPLAY MODE

The screen image has been optimized during manufacture for the display modes listed below.
If the signal from the system equals the standard signal mode, the screen is adjusted automatically. If the signal from the system does not equal the standard signal mode, adjusting screen resolution by referring to your videocard user guide otherwise there may be no display.

Video signal: (VGA/DVI VESA Standard)

Resolution (Dot X Line)	Vertical Frequency(Hz)	Horizontal Frequency(kHz)
640 x 350	85	37.9
640 x 400	85	37.9
720 x 400	85	37.9
640 x 480	60	31.5
	72	37.9
	75	37.5
	85	43.3
800 x 600	56	35.1
	60	37.9
	72	48.1
	75	46.9
	85	53.7
1024 x 768	60	48.4
	70	56.5
	75	60.0
	85	68.7
1152 x 864	75	67.5
1280 x 960	60	60.0
1280 x 1024	60	47.7
1366 x 768	60	48.5

SPECIFICATIONS

MODEL		LVQ-42EF2AU	LVQ-46EF2AU
LCD Panel	Panel Size	42” TFT LCD	46” TFT LCD
	Brightness	500	500
	Contrast Ratio	1200:1	1200:1
Max. Resolution		1920x1080	1920x1080
Input Connector	VIDEO/AUDIO(L/R)	2	2
	S-VIDEO/AUDIO(L/R)	1	1
	YPbPr/AUDIO(L/R)	2	2
	VGA/AUDIO(L/R)	1	1
	HDMI/AUDIO(L/R)	2/1	2/1
	AUDIO OUT(L/R)	1	1
	OPTICAL/COAXIAL	1	1
	HEADPHONE	1	1
Power Source		AC100~240V, 50/60HZ, 4.0A	AC100~240V, 50/60HZ, 4.0A
Power Consumption		300 W, standby < 5 W	300 W, standby < 5 W
Dimension		41.43 W x 10.43 D x 31.1 H inch	44.97 W x 11.26 D x 32.0 H inch
WEIGHT		63 lbs	65 lbs